

ABSTRACT OF THE DISCLOSURE

Different frequency reuse values are associated with different channels, e.g., different types of channels in a cellular communications system. For a high speed downlink shared type of channel, the frequency reuse may be greater than one in order to achieve higher data rates. On the other hand, the frequency reuse may be set to one for other channel types, e.g., dedicated channels including both uplink and downlink dedicated channels. Alternatively, the frequency reuse may also be set greater than one for channels in addition to the downlink shared channel, e.g., one or more dedicated downlink channels, while a frequency reuse of one is deployed for one or more uplink dedicated channels.

Using different frequency reuse values reduces inter-cell interference, particularly at cell borders, while still maintaining existing soft handover schemes for dedicated channels if one or more of the channels is a code division multiple access (CDMA) type of channel.